

In the Claims:

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1 (Currently Amended) A system for recording data in a multi-board solid-state storage system, comprising:

- i at least one main board that includes a processing system for enabling interaction with a host system;
- ii ~~at least one~~ a plurality of memory boards separate from said main board, such that each said ~~at least one~~ memory board carries at least part of the storage system's primary solid-state components array used for data storage; and
- iii for each said memory board, at least one secondary non-volatile memory device, located on said each memory board, and containing at least one faulty location record for said primary solid-state components array located on said each memory board;

wherein said primary solid-state components are non-volatile memory devices.

2 (Original) The system of claim 1, wherein said main board includes:

- a) at least a portion of said primary solid-state components array; and
- b) at least one respective secondary non-volatile memory device containing system information related to said main board.

3 (Canceled)

4 (Currently Amended) A method for recording system information in a multi-board solid state storage system that includes a main board and a plurality of memory boards separate from the main board, the main board including a processing

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system for enabling interaction with a host system, the method comprising the steps of:

- i Providing primary non-volatile solid-state memory devices on each memory board of the multi-board solid state storage system;
- ii Placing a respective secondary non-volatile memory device onto each memory board of the multi-board solid state storage system; and
- iii For each memory board, recording faulty location records of said each board on said secondary non-volatile memory device thereof.

5 (Original) The method of claim 4, further comprising:

- iv performing direct actions selected from the group consisting of testing, adding, connecting and replacing said boards.

6 (Canceled)

7. (Original) The system of claim 1, wherein said primary solid-state components are Flash memory devices.

8. (Original) The method of claim 4, wherein said primary non-volatile solid-state memory devices are Flash memory devices.

9. (Original) A method for recording system information in a multi-board solid-state storage system, comprising the steps of:

- i. placing a respective secondary non-volatile memory device onto each board of the multi-board solid-state storage system; and

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- ii. for each board, recording at least one faulty location record of said each board in each of at least two areas of said secondary non-volatile memory device thereof.
- 10. (Original) The method of claim 9, further comprising the step of:
  - iii. for at least one board, subsequent to said recording, updating said at least one faulty location record of one of said at least two areas.
- 11. (Original) The method of claim 9, further comprising the step of:
  - iii. for at least one board, subsequent to said recording, adding at least one additional faulty location record to one of said at least two areas.
- 12. (New) The system of claim 1, comprising at least three said memory boards.
- 13. (New) The method of claim 4, further comprising the steps of:
  - iv. providing a primary non-volatile solid-state memory device on the main board of the multi-board solid state storage system;
  - v. placing a respective secondary non-volatile memory device onto the main board of the multi-board solid state storage system; and
  - vi. recording faulty location records of the main board on said secondary non-volatile memory device thereof.